

# Weekly Metrics for December 21 - 27, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	0.9	A
			GES DAAC	0.9	1x Baseline	0.9	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	14	V
		L1 Prod	NSIDC	115	1x Baseline	0	V
		L2-3 Prod	NSIDC	43	1x Baseline	0	V
		Archive	NSIDC	199		14	V
		Distribution	NSIDC				
		End Users		166	Various	0	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	89	
		L1 Prod	GES DAAC	807	Various	740	T
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	122	T
		Archive	GES DAAC	1,012	Various	510	T
		Distribution	GES DAAC				
		Production				254	
	AMSR-E	End users		471	Various	207	G
		Data Pool				497	U
		L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	3	B
		L2-L3 Prod	GHRC	38	2.03x Baseline	18	C
		Archive	NSIDC	67	Baseline	26	C
	CERES	Distribution					
		Testing/QA	ASDC	169	Various	Included	
		End Users	ASDC	1,421	IT Requirements	In	See
				109	1.015x Baseline	Terra	Footnote R
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	493	
		L1 Prod	GES DAAC	5,047	Various	13,682	
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,607	Q
		Archive	LP DAAC	3,516	Various	1,453	Q
			GES DAAC	8,015	Various	16,265	Q
			NSIDC	426	Various	65	Q
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0.1	
		End User		2,345	1.015x Baseline	228	G
		Data Pool				0	
METEOR 3M (12/01)	SAGE III	Distribution	GES DAAC				
		Testing/QA					
		End User					
		Data Pool					
		Distribution	GES DAAC				
		Testing/QA					
ACRIMSAT (12/99)	ACRIM 3	To MODAPS/LaRC		362	IT Requirements	0.2	
		End Users		4,157	1.015x Baseline	8,153	
		Data Pool				7,401	G
		Distribution	NSIDC			101	U
METEOR 3M (12/01)	SAGE III	End User		284	1.015x Baseline	0.4	G
		Data Pool				0.1	U
METEOR 3M (12/01)	SAGE III	Distribution	ASDC	0.9	Various	0.7	D
		Production	ASDC				
METEOR 3M (12/01)	SAGE III	End Users		0.02	1.015x Baseline	0.7	
						0.5	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D

Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	533	E, X
		L1B Ingest	LP DAAC	271	1.015x Baseline	146	E, X
		L1B Archive	LP DAAC	271	1.015x Baseline	634	E, X
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	170	E, X
		Archive	LP DAAC	2,173	Various	1,336	E, X
		Distribution	LP DAAC				
		<i>Production</i>				582	
	<i>End Users</i>		1,221	1.015x Baseline	151	G, N	
	<i>Data Pool</i>				0.5		
	CERES	Archive	ASDC	357	Various		R
		Distribution	ASDC				
		<i>Testing/QA</i>		1,421	IT Requirements		
		<i>End Users</i>		119	1.015x Baseline		G, N
	MISR	L0 Ingest	ASDC	249	1x Baseline	176	X
		L1 Prod	ASDC	3,359	Various	2,778	F, X
		L2-L3 Prod	ASDC	285	3.045x Baseline	216	F, X
		Archive	ASDC	3,894	Various	3,171	F, X
Distribution		ASDC					
<i>Testing/QA</i>			137	IT Requirements	407		
<i>Production</i>					1,106		
<i>End Users</i>		1,215	1.015x Baseline	1,418	G, N		
<i>Data Pool</i>				2	U		
MODIS	L0 Ingest	GES DAAC	518	1x Baseline	352	X	
	L1 Prod	GES DAAC	7,570	Various	1,485	X	
	L2-L4 Prod	MODAPS	12,789	3.045x Baseline	510	M, P, X	
	Archive	LP DAAC	7,034	Various (L2-L4)	401	H, P, X	
		GES DAAC	12,990	Various (L0-L4)	1,938	H, P, X	
		NSIDC	853	Various (L2-L3)	12	H, P, X	
	Distribution	LP DAAC					
	<i>Testing/QA</i>		23	IT Requirements	1		
	<i>End Users</i>		2,345	1.015x Baseline	2,742	G, N	
	<i>Data Pool</i>				0.2	U	
Distribution	<i>Testing/QA</i>	GES DAAC					
	<i>To MODAPS/LaRC</i>		362	IT Requirements	40	G	
	<i>End users</i>		4,157	1.015x Baseline	1,687		
	<i>Data Pool</i>				962		
Distribution		NSIDC				U	
<i>End Users</i>			284	1.015x Baseline	3	G, N	
<i>Data Pool</i>					0.1	U	
MOPITT	L0 Ingest	ASDC	2	1x Baseline	0.1	X	
	L1 Prod	SIPS	2	Various	3	I, X	
	L2 Prod	SIPS	2	3.045x Baseline	5	I, X	
	Archive	ASDC	6	Various	9	I, X	
	Distribution	ASDC					
	<i>Production</i>				0.1		
<i>End Users</i>		1	1.015x Baseline	4	G, N		
<i>Data Pool</i>				0	U		
Landsat-7 (4/99)	ETM+	Archive	LP DAAC	1,092	250 Scenes	583	W
	Distribution	LP DAAC	58	ECS ICD	73		
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC				O
	Distribution	PO DAAC					
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC				J
	Distribution	PO DAAC	NA	NA			
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC				J
	Distribution	PO DAAC	109	Weekly Average			
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC				J
	Distribution	PO DAAC	24	Weekly Average			

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA		K
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Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process.
- C. Production of L2 and L3 products resumed on September 3.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Little processing was done.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- I. Did not receive any L1 or L2 products from MOPITT SIPS.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- M. Very little reprocessing of Terra MODIS L2-4 products was done.
- N. Does not include distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- Q. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- R. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- S. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- T. Includes the reprocessed data.
- U. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- V. GLAS Laser remains off since November 19.
- W. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22.
- X. Terra spacecraft transitioned into Earth-pointing safehold on December 16.

*\* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 <sup>st</sup> year after launch	2 <sup>nd</sup> year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.